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Applicant's Docket No. 411677

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Philip L. Atwater et al.  
Application No.: 10/625,714                      Group No.: 2681  
Filed: July 23, 2003                      Examiner: Not yet assigned  
For: **WIRELESS COMMUNICATIONS SYSTEM**

**MAIL STOP AMENDMENT**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

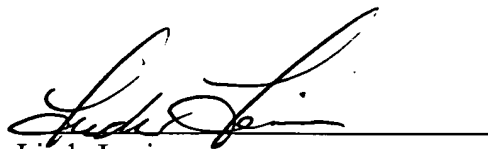
**CERTIFICATE OF MAILING**

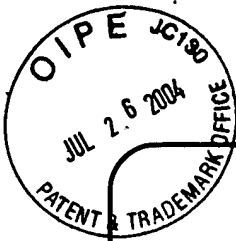
Date of Deposit: July 21, 2004

I hereby state that the following *attached* papers:

- 1) Transmittal Form (1 page)
- 2) Information Disclosure Statement Transmittal Filed Under 37 CFR 1.97(B) (1 page)
- 3) Form 1449A/PTO (1 page)
- 4) Copies of 3 cited references (106 pages)
- 5) Certificate of Mailing (1 page), and
- 6) Return Postcard

are being deposited with the United States Postal Service as First Class Mail under 37 CFR 1.8, on the date indicated above and in an envelope with sufficient postage, addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Linda Levin



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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/625,714	
	Filing Date	July 23, 2003	
	First Named Inventor	Philip L. Atwater et al.	
	Art Unit	2681	
	Examiner Name	Not yet assigned	
Total Number of Pages in This Submission	110	Attorney Docket Number	411677

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  -Form 1449A/PTO -Copies of 3 cited references -Certificate of Mailing -Return Postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	David J. Lee, Reg. No. 41,935
Signature	
Date	7/21/04

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Linda Levin		
Signature		Date	7/21/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Practitioner's Docket No. 411677

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re application of: Philip L. Atwater et al.

Application No.: 10/625,714

Filed: July 23, 2003

Group No.: Not yet assigned

Examiner: Not yet assigned

For: **WIRELESS COMMUNICATIONS SYSTEM**

**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**INFORMATION DISCLOSURE STATEMENT TRANSMITTAL**  
**FILED UNDER 37 C.F.R. § 1.97(B)**

Pursuant to 37 C.F.R. §§ 1.56, 1.97(b) and 1.98, Applicant submits herewith an Information Disclosure Statement Form PTO-1449 (modified) together with copies of references of which applicant is aware, which applicant believes may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56

This Application was filed after June 30, 2003. Therefore, Applicant(s) submit(s) herewith Form PTO 1449 – Information Disclosure Citation without copies of U.S. patents or U.S. publications, but includes copies of foreign patents, publications or other information of which Applicant(s) is/are aware, which applicant(s) believe(s) may be material to the examination of the application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

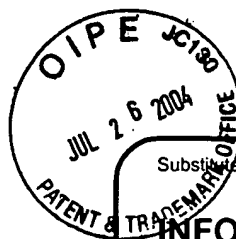
Applicant believes no fees are currently due. However, should any additional fees be required in connection with the filing of this Information Disclosure Statement, the Commissioner is hereby authorized to charge said fees to Deposit Account No. 12-0600.

Respectfully submitted,

Date: 7/21/04

By David J. Lee

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/625,714
Filing Date	July 23, 2003
First Named Inventor	Philip L. Atwater et al.
Art Unit	2681
Examiner Name	Not yet assigned
Attorney Docket Number	411677

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 2,285,083	06-02-1942	Cover	
		US- 2,499,195	02-28-1950	McNiven	
		US- 4,152,648	05-01-1979	Delogne	
		US- 4,652,857	03-24-1987	Meiksin	
		US- 4,777,652	10-11-1988	Stolarczyk	
		US- 4,829,310	05-09-1989	Losee	
		US- 4,866,732	09-12-1989	Carey et al.	
		US- 4,870,697	09-26-1989	Weber	
		US- 4,879,755	11-07-1989	Stolarczyk et al.	
		US- 5,093,929	03-03-1992	Stolarczyk et al.	
		US- 5,432,838	06-11-1995	Purchase et al.	
		US- 5,504,809	04-02-1996	Chalmers et al.	
		US- 5,640,444	06-17-1997	O'Sullivan	
		US- 5,697,067	12-09-1997	Graham et al.	
		US- 5,963,631	10-05-1999	Fazio et al.	
		US- 6,072,991	06-06-2000	Paul et al.	
		US- 6,317,041	11-13-2001	Singer et al.	
		US- 2002/0016170	02-07-2002	Sabat, JR. et al.	
		US- 2002/0022451	02-21-2002	Waye et al.	
		US- 6,359,871	03-19-2002	Chung et al.	
		US- 6,370,396	04-09-2002	Meiksin et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		671,188	07-05-1950	Pickering		
		WO 01/11807 A1	02-15-2001	Yewen		
		WO 01/52432 A1	07-19-2001	Menon		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.